Fort Huachuca Army Installation
SP0600-04-R-0109
Questions and Answers III
26 January 2005

WASTEWATER UTILITY

Will the Army operate the reclaimed water pumps or will the contractor operate the pumps based on a scheduled request for reclaimed water for the golf course and other irrigation needs? The contractor will operate pumps.

How much of the treated effluent is used now for turf irrigation and groundwater recharge. All except what is lost during low flow periods.

Are the oil separators maintained by the current contract operator now? Will they be the responsibility of the Privatization Contractor? The current O&M contractor does not maintain oil separators or grease traps, the Fort issues individual contracts to have them maintained. It would be advantageous to both the government and the waste water plant operators if this was the responsibility of the Privatization Contractor.

Are the Wastewater Lift Stations, No. 1 through No. 7 and Power UAV - Runway L.S. hard wired together? i.e. "daisy-chained" for control? If not, how are they connected? No, they are all powered separately, but have communication between them if one fails.

What is the recharge capacity of the existing wastewater recharge facilities compared with the projection of future wastewater flows? There is more recharge capacity than will ever see. There is more reuse capacity than we have treated effluent to supply. The only possible shortage is storage, to allow reuse of effluent that is being recharged.

WATER & WASTEWATER UTILITIES

Is the lab equipment to be transferred to the contractor? The lab equipment will go with the function.

Page J03-8, J03.6 and J02-9, J02.6 state "The Contractor must abide by Fort Huachuca's energy plan and goals."

What are the Ft. Huachuca energy plans & goals?
Current plans and goals are:
30% reduction in Energy Use per square foot from Fiscal Year 1985 to 2005.
The Army is currently revising these goals.

The control system was supposed to operate the system outside the peak demand (electric demand) window. Under normal operations the wells are not run between 8 AM and 4 PM.

What is the contractor's responsibility for this?
The contractor will be responsible to work with the Fort Energy and Water Management Office to implement conservation ideas.

In discussions with the current contract operator of the water and wastewater system, it appears that the Army requires them to operate the facilities on a 24/7 schedule. Is this a requirement of this privatization? The Fort will require the Privatization Contractor to have personnel on the Fort while their equipment is operating, this currently is 24/7. They also have personnel on call for emergencies.

Are there dedicated telephone lines for the Water and Wastewater SCADA systems? If not, will the successful offeror be able to use a licensed radio frequency for SCADA data transmission? There is currently dedicated lines, non-dial government lines in use for the SCADA systems, there is also a radio frequency licensed for the system.

Are any of the fiber optic cables part of the privatization? If so, which ones and where? There is currently a fiber optic cable being utilized by the water SCADA, the cable is not dedicated to the water system and won't be transferred but it will continue to be available for use.

WATER UTILITY

Page J02-2, J02.2, "Ft. Huachuca shall retain ownership of the source of water and CONTROL of withdrawal" How do the Government anticipate this working and how will this affect water system operation and maintenance? All the water pumped from the wells on the Fort will be utilized on the Fort. The system may be connected to a different system to supply water to the Fort, if more cost effective, but the wells on the Fort won't be used to supply water off the Fort.

What is the operating control strategy and how is this implemented into an operating plan for the water system based on the policies adopted by the Upper San Pedro Partnership? The operating control strategy is not based on the policies adopted by the Upper San Pedro Partnership, (USPP). The operating strategy is based on Electric demand charges. USPP policies govern water use not operation of the distribution system.

Back flow preventors - 500 – 600?. Is this correct? One for every building. Are these Reduced Pressure Back Flow Preventors or are they double check valves on services? The majority are Reduced Pressure.

Will the Privatization Contractor be required to comply with the current water system sampling protocol (daily sampling) imposed on the current contract operator? The Privatization Contractor will be required to meet State and Federal sampling requirements.

Are there any Water Quality Issues; i.e. Nitrates, Copper, Lead, Arsenic, or other organic or inorganic substances or compounds that may require additional treatment to meet drinking water standards? No.

Will there be any additional water quality reporting requirements, beyond ADEQ requirements? No.

What is the annual water use provided by the base facilities (AF/YR). This is on CD #7. Is there a breakdown available for residential, non-residential, turf use? No

Do the base water facilities provide water to any off-base water users either retail or wholesale? No, and they won't.

Are all customer connections metered? No, but they will be. This is part of the capital up grades.

What is the static water level (approximate) in base wells and the depth of the wells? This is on CD #7. What is the average water level decline rate in base wells over the last five years? 0

What is the peak day water demand for each of the last five years? We don't track this.

Describe any groundwater use and/or groundwater recharge reporting responsibilities of the contractor (frequency and content of reports, and agency). This is in the J-section.